

Technical Evaluation Record



QUALIFICATION:	Utility Arboriculture – Tree Species Recognition, Growth Characteristics and Associated Hazards, Ground based pruning	Qualification Code:		0038-31 & 0038-32		
		Units:		UA 302 and 303		
Assessor Name:		Technical Verifier Name:				
Assessor No: <small>NEW? DOB:</small>		Technical Verifier No:				
Assessor Email:		Start Time:				
Invoice To: <small>(Include Centre name if applicable)</small>		End Time:				
CRITERIA: (See guidance notes on next sheet)		PERFORMANCE EVALUATION (Circle):			JUSTIFICATION:	
Risk Assessment, legal and environmental considerations		1	2	3	4	5
Explain the key elements of how to identify trees of different genus		1	2	3	4	5
Identify a range of broadleaf & evergreen trees, using common and Latin names		1	2	3	4	5
Understanding of trees in poor health, VTA, hazard assessments		1	2	3	4	5
Knowledge of Fungi, pests and diseases, biosecurity		1	2	3	4	5
Explain utility pruning terminology & basic pruning standards		1	2	3	4	5
Sources of industry good practice guides & standards		1	2	3	4	5
Accurate assessment of sites, categorization of trees to be pruned and recognized procedures		1	2	3	4	5
Insulated rods, electrical testing, inspection care and use		1	2	3	4	5
Explain different insulated tool attachments		1	2	3	4	5
Electrical network inspection, fault recognition		1	2	3	4	5
Explain basic pruning techniques, directional, target, importance of accurate and appropriate cuts		1	2	3	4	5
Prune trees using lopper and saw head		1	2	3	4	5
Site clear up and arising disposal options		1	2	3	4	5
PERFORMANCE EVALUATION COLUMN TOTALS:						
		TOTAL SCORE:				
Result of Technical Evaluation (tick):	MET	TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)				56
	NOT MET					
TECHNICAL VERIFIER COMMENTS						

ASSESSOR COMMENTS:

Please continue on reverse if necessary

AGREED ACTION PLAN

TECHNICAL VERIFIER SIGNATURE:

DATE:

ASSESSOR SIGNATURE:

Guidance

The following examples are intended to provide guidance only; they are not an exhaustive list of requirements for technical evaluation but are designed to highlight the level of knowledge expected.

Knowledge of the working environment must also be demonstrated. This should cover a range of utility work sites, including live and dead working.

Legislation and environmental considerations

The person being evaluated should have a working knowledge of the following:

- Health and Safety at Work etc. Act 1974 (HASAWA)
- Management of Health and Safety at Work Regulations 1999 (MHSWR)
- The Electricity Safety, Quality and Continuity Regulations 2002 and 2009 amended
- Electricity at Work Regulations 1989
- Personal Protective Equipment at Work Regulations 1992 (PPE Regulations)
- AFAG/FISA Guides
- AA Technical Guidance's
- Manual Handling Operations Regulations 1992
- The Health and Safety (First Aid) Regulations 1981
- Reporting of Injuries Diseases Dangerous Occurrence Regulations (RIDDOR)
- ENA-TS 43-8
- ENA Electrical Technical Reports (ETR) 132 and 136
- HSE Guidance notes GS6 and HSG47 and HSG 85
- Electricity Supply Industry Safety Rules
- Electricity Supply Industry Engineering Recommendation G55 and BS EN 50110-1
- New Roads and Street Works Act (NRSWA)
- Provision and use of Work Equipment Regulations 1998 (PUWER)
- Wildlife and Countryside Act 1981
- Countryside and Rights of Way Act 2000
- Conservation of Habitats and Species Regulations 2010
- Natural Environment and Rural Communities Act 2006
- European Protected Species Directive 2007

Demonstrate in-depth tree identification including the use of botanical names

Knowledge of decay fungi, pests and diseases and importance of thorough hazard evaluation.

knowledge of PPE and DNO safety Rules applicable to Arboriculture operations in vicinity of Electricity Distribution Networks must be demonstrated.

Familiarity of arboriculture pruning standards e.g., BS3998, European Tree Pruning Guide (AA/EAC).

Accurate assessment of site

- Applicants will be required to carry out a site-specific risk assessment in vicinity of an overhead line (can be a simulated line).

- **Knowledge and experience**

Applicants will be questioned on their background, and practical experience of using insulated tools in utility arboriculture.

Accurate assessment of site and tree categories

Applicants will need to be able to carry out accurate assessment of the site and the trees to be pruned, including safe procedures for work.

Applicant will be expected to demonstrate knowledge relating to:

- Selecting appropriate tools & equipment.

Practical demonstration:

Applicants will need to be able to demonstrate and have practical ability dealing with the following scenarios

- Assembly and use of insulated rods with pruning head, saw head and hook attachments